

CLAIMS

1. A preparation in the form of an emulsion for application to skin and/or mucous membrane, containing an aqueous phase with a film-forming polymer combination comprising at least two polymers and an emulsified phase with at least one volatile silicone, at least one pigment and possibly fillers.

2. A preparation as set forth in claim 1 characterized in that the film-forming polymer combination has an elastic polymer and a polymer imparting strength or toughness.

3. A preparation as set forth in claim 2 characterized in that the elastic polymer is an acrylate or a derivative thereof, a methacrylate or a derivative thereof, a polyvinylalcohol and/or a polyvinylacetate or a copolymer comprising two or more of said monomers or a mixture thereof.

4. A preparation as set forth in claim 2 or claim 3 characterized in that the polymer imparting strength or toughness is a polyurethane, polyetherurethane, polyesterurethane, polyvinylpyrrolidone or a mixture thereof.

5. A preparation as set forth in one of the preceding claims characterized in that the film-forming polymer combination is a polyurethane acrylate copolymer.

6. A preparation as set forth in one of the preceding claims characterized in that the film-forming polymer combination is a polymer blend comprising a polyurethane polymer and/or polyvinylpyrrolidone polymer in combination with an acrylic, acrylamide or acrylic ester polymer, a polyvinylalcohol and/or polyvinylacetate.

7. A preparation as set forth in claim 1 characterized in that the polymer combination is selected from octadecene/MA copolymer/diethylhexyl-sebacates, acrylates copolymer, polyurethane-acrylates copolymer, lauryl dimethicone, PVP/dimethyl aminoethylmethacrylate/polycarbamyl/polyglycolester, PVP/dimethiconylacrylate/polycarbamyl/polyglycolester, PPG/IPDI/DPMA crosspolymer, alkylacrylate copolymer, acrylates/stearyl acrylate/dimethicone methacrylate copolymer, polyvinyl stearyl ether, acrylates/lauryl acrylate/stearyl acrylate/ethylamine oxide methacrylate copolymer, polyurethanes and mixtures thereof.

8. A preparation as set forth in one of the preceding claims characterized in that the film-forming polymer is a combination of at least two polymers either in the form of a copolymer or in the form of a polymer blend.

9. A preparation as set forth in one of the preceding claims characterized in that the film-forming polymer combination is a combination of one or more polyurethanes and one or more acrylates and/or methacrylates in the form of a copolymer or a polymer blend.

10. A preparation as set forth in one of the preceding claims characterized in that there is contained therein a combination of film-forming polymers selected from polymers, copolymers and/or crosspolymers of polyvinylpyrrolidone, polyvinylalcohol, polyvinylacetate, polyurethane, polyacrylate and polymethacrylate.

11. A preparation as set forth in one of the preceding claims characterized in that in addition at least one moistening agent is contained in the aqueous phase.

12. A preparation as set forth in claim 6 characterized in that the moistening agent is 1,2-propylene glycol, dipropylene glycol, tripolyene glycol, glycerin, diglycerin, triglycerin, butylene glycol, hexylene glycol;

sugar, sugar alcohol, mannitol, sorbitol, xylitol; glucose, fructose, sucrose, maltose, urea, lactic acid in Na-lactate, sodium PCA or a mixture thereof.

13. A preparation as set forth in one of the preceding claims characterized in that at least one spherical fine pigment in the form of LDP is contained as the pigment.

14. A preparation as set forth in one of the preceding claims characterized in that in addition to LDP one or more pigments is included selected from organic pigments, inorganic pigments, lakes of organic dyes, metal powders, coated metal powders, flake-form preparations based on silicon dioxide, aluminum oxide or glass or mixtures thereof.

15. A preparation as set forth in claim 8 characterized in that the volatile silicone is dimethicone, hexamethyldisiloxane, cyclomethicone, dodecamethylcyclohexasiloxane, decamethylcyclopentasiloxane, octamethylcyclotetrasiloxane, or a derivative thereof or a mixture thereof, optionally in combination with ethyl perfluoroisobutyl ether or ethyl perfluorobutyl ether.

16. A preparation as set forth in one of the preceding claims characterized in that a filler is contained therein.

17. A preparation as set forth in one of the preceding claims characterized in that dimethicone vinyl dimethicone crosspolymers, polyamide, polyethylene, kaolin, talcum, boron nitride, PMMA, methylmethacrylate crosspolymer, silica, alumina, mica, PTFE or lauroyllysine is contained therein as the filler.

18. A preparation as set forth in one of the preceding claims characterized in that an active substance is additionally contained therein.

19. A preparation as set forth in one of the preceding claims characterized in that the preparation is wax-, fat- and oil-free.

20. A preparation as set forth in one of the preceding claims characterized in that an emulsifier is additionally contained therein.

21. A preparation as set forth in one of the preceding claims characterized in that a non-ionogenic emulsifier is contained, which is preferably selected from polyglyceryl-3-methylglucose distearate, perfluorononyl dimethicone and derivatives thereof, alkyl dimethicone, acrylates/stearyl acrylate/dimethicone methacrylate copolymer, hydroxypropyl dimethicone behenate, dimethicone propyl PG-betaine, polyglyceryl-4-isostearate, glyceryl stearate, glyceryl stearate citrate and caprylyl dimethicone ethoxyglucoside.

22. A preparation as set forth in one of the preceding claims characterized in that additives and adjuvants which are usual in cosmetics are additionally contained therein.

23. A preparation as set forth in claim 22 characterized in that preserving agents, antioxidants, agents for regulating the pH-value, vegetable or animal extracts, perfume mixtures, light protection filters or mixtures of said ingredients are contained therein as adjuvant or additive.

24. A preparation as set forth in one of the preceding claims characterized in that the film-forming polymer combination is used in the form of an aqueous solution.

25. A preparation as set forth in one of the preceding claims characterized in that the film-forming polymer combination is used in the form of an aqueous dispersion.

26. A preparation as set forth in one of the preceding claims characterized in that the solution or dispersion with the film-forming polymer combination is contained in a proportion of between 5 and 50 % by weight, preferably between 5 and 25 % by weight, with respect to the total preparation.

27. A preparation as set forth in one of the preceding claims characterized in that the volatile silicone is contained in the preparation in a proportion of between 10 and 25 % by weight.

28. A preparation as set forth in one of the preceding claims characterized in that pigments are contained in the preparation in a proportion of between 0.1 and 15 % by weight.

29. A process for the production of a preparation as defined in one of claims 1 through 28 wherein pigments and fillers are mixed with the volatile silicone, optionally preserving agent and moistening agent are incorporated in water, silicone phase and aqueous phase are homogenized to form an emulsion, optionally prior to or after the emulsification operation emulsifier is added and thickener and film-forming polymers are added and finally the substance is filled into containers.

30. Use of an emulsion comprising an aqueous phase containing a film-forming polymer combination and an emulsified phase containing one or more volatile silicones, at least one pigment and optionally fillers, as a wrinkle-concealing coating on skin and/or mucous membrane.

31. Use of an emulsifier as defined in one of claims 1 through 28 as make-up, concealer, foundation, eye cream or lip cream with a wrinkle-concealing action.

32. Use as set forth in claim 31 for concealing folds in the face, around the eyes, around the lips and/or on the neck.